

2001 Asbestos Health Effects Conference



May 24 - 25 Oakland, California



Asbestos Health Effects Conference

May 24-25, 2001
Oakland, CA

Save this
Date

Join us...

for this conference to improve the scientific
foundation for health risk assessments of asbestos.

Our focus will be on these topics:

- ❖ asbestos mineralogy
- ❖ exposure
- ❖ epidemiology
- ❖ mechanisms of toxicity
- ❖ carcinogenicity
- ❖ risk assessment

CA OEHHA ❖ ATSDR ❖ US EPA ❖ NIOSH ❖ MSHA

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ASBESTOS HEALTH EFFECTS CONFERENCE

The primary objective of the conference is to **improve the scientific foundation for health risk assessments of asbestos**, focusing principally on nonoccupational exposures. Included will be presentations and posters on asbestos mineralogy, exposure, epidemiology and mechanisms of toxicity and carcinogenicity. The conference will conclude with a discussion on the implications for risk assessment methods and models,

focusing on the potential health risks related to nonoccupational exposures to different asbestos fiber types or fiber dimensions. The conference will include broad international participation from scientists in government, academia and the private sector, and will identify issues that need to be addressed in the next generation of risk assessments to characterize the health risks of nonoccupational exposures to asbestos.

PRELIMINARY PROGRAM

Session 1. Mineralogy & Exposure Assessment

Chair: Bruce Case, McGill University, Canada

John Addison, John Addison Consultancy, Scotland

"Asbestos": Which physical and mineralogical differences can or should form the basis for categorization, and how well can these categories be reproducibly separated and distinguished in the field?

Patrick Sébastien, McGill University, Canada

Measuring asbestos exposure in the field: sampling environments (air, settled dust, materials); sampling strategies; sampling instruments; and current exposures

Bruce Case, McGill University, Canada

Lung-retained fiber as a marker of retained environmental dose: Strategies, advantages, pitfalls, and coordination with epidemiological methods

Gunnar Hillerdal, Karolinska Hospital, Sweden

Radiological changes as markers of environmental exposure and environmental risk of lung cancer and mesothelioma

Session 2. Epidemiology

Chair: Julian Peto, Institute of Cancer Research, England

John Dement, Duke University, USA

Differences in carcinogenicity between asbestos types

Corbett McDonald, National Heart and Lung Institute, England

Carcinogenicity of fibrous tremolite in workplace and general environments

Marcel Goldberg, INSERM, France

Nonoccupational exposure to mineral fibers – what are the key determinants of exposure related to increased risks for mesothelioma and lung cancer?

Session 3. Toxicology, Pathology, Mechanisms

Chair: Kevin Driscoll, Proctor and Gamble Pharmaceuticals, USA

Kenneth Donaldson, Napier University, Scotland

Molecular and cellular mechanisms of asbestos fiber toxicity

Bice Fubini, University of Torino, Italy

The physical and chemical properties of asbestos fibers which contribute to biological activity

Gunter Oberdorster, University of Rochester, USA

Fiber characteristics, environmental and host factors as determinants of asbestos toxicity

Agnes Kane, Brown University, USA

Mechanisms of asbestos carcinogenesis

Session 4. Risk assessment methods (Panel Discussion)

Chair: Gene McConnell, Toxicology and Pathology Services Inc., USA

The panel will examine the implications of recent scientific developments on asbestos mineralogy, exposure, epidemiology and mechanisms of toxicity and carcinogenicity for risk assessment of nonoccupational exposures to asbestos. The panel discussion will include opportunities for input from the audience. Panelists include:

Bruce Case, McGill University, Canada

Julian Peto, Institute of Cancer Research, England

Kevin Driscoll, Proctor and Gamble Pharmaceuticals, USA

Mort Lippmann, New York University, USA

Kenny Crump, ICF Kaiser Engineers, USA

Leslie Stayner, National Institute for Occupational Safety and Health, USA

INFORMATION

HOTEL INFORMATION

San Francisco Marriott
55 Fourth Street
San Francisco, CA 94103
415/896-1600

HOTEL REGISTRATION

Registrants must make their own hotel reservations with the San Francisco Marriott by Wednesday, May 2, 2001 to receive the reduced government per diem rate of \$159.00 plus applicable state and local taxes (currently 14%). Please call 800/228-9290 or 415/896-1600 and ask for the EPA Asbestos Health Effects Conference.

DIRECTIONS FROM SAN FRANCISCO AIRPORT

Drive northbound on Hwy 101 into S.F. From downtown S.F., follow the sign towards the Oakland Bay Bridge. Exit in right lane at 4th St. Bear to the left with the flow of traffic onto Bryant St. Drive 1 block on Bryant St. to 3rd St. Turn left on 3rd St. and continue 4 blocks to Mission St. Turn left on Mission St. Hotel is 1 block down on right.

CONFERENCE VENUE INFORMATION

Elihu M. Harris Building
1515 Clay Street
Oakland, CA 94612
510/622-2564

BART DIRECTIONS FROM SAN FRANCISCO

Exit hotel at 4th St. entrance towards Market St. Walk one block down Market St. (toward 5th St.) to the Powell St. Station. Take the Pittsburg/Bay Point (yellow) line to the Oakland City Center/12th St. Station. The City Center/12th St. Station is two blocks east of the Elihu M. Harris Building in the City Center Retail Area. One-way fare will be approximately \$2.20. Trip will be roughly 15 minutes.

PARKING

A public parking garage can be found directly across the street from the Elihu M. Harris Building at 15th and Clay Street. Hours of operation are 6:30am to 10:00pm, and costs \$1.50 an hour, with a maximum of \$10 per day.

ASBESTOS HEALTH EFFECTS CONFERENCE

May 24-25, 2001 at the Elihu M. Harris Building, Oakland, CA

REGISTRATION*



Register online at
www.epa.gov/swerrims/ahec/index.htm

or



Mail to
Asbestos Conference
c/o Marasco Newton Group
2425 Wilson Blvd., 4th Floor
Arlington, VA 22201

or



Fax this form to 703/526-9826 or
call 703/292-5874

Please email questions to
asbestosconference@marasconewton.com

* Registration must be received by April 16, 2001.

PLEASE PRINT

NAME _____

TITLE _____

AFFILIATION _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE _____

FAX _____

E-MAIL _____



United States Environmental Protection Agency
(MC 5204G)
Washington, DC 20460

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John J. Martin
USEPA REGION 6 (6SF-R2)
1445 Ross Avenue, Suite # 1200
Dallas, TX 75202-2733



CALL FOR ABSTRACTS

The conference organizers encourage investigators to submit abstracts for poster presentations on asbestos-associated noncancer and cancer health effects and related areas. The primary objective of the conference is to improve the scientific foundation for health risk assessments of asbestos, focusing principally on nonoccupational exposures. Abstracts submitted should fall into one of the following five subject areas:

(Please see the Asbestos Health Effects Conference Web site for instructions on how to submit.)

Mineralogy and morphological characteristics of different fiber types:

Structural characteristics, surface chemistry and other physico-chemical attributes, particularly with respect to how these may (or may not) affect carcinogenicity, genotoxicity, or fibrogenesis.

Assessment of exposure to different types of asbestos in nonoccupational settings:

Assessment of inhalation exposures or potential inhalation exposures due to the presence of different types of asbestos in soil, milling wastes, and consumer products, as well as indoor residential exposures. Of special interest would be methods for evaluating episodic exposures.

Impacts on human health:

Epidemiological studies examining the relationships of exposure to different asbestos fiber types and various health effects, including, but not limited to, mesothelioma, lung cancer, other cancers, asbestosis, and nonmalignant pleural disease.

Toxicological investigations:

Studies of toxicological mechanisms of action of asbestos. Relevant topics include cellular and molecular mechanisms underlying nonneoplastic and neoplastic response to asbestos; the influence of fiber type and exposure concentration (i.e., fiber dimensions and surface chemistry); and tissue specific (e.g., lung parenchyma, pleura, peritoneum) responses. Also, host factors which influence response to asbestos fibers.

Risk assessment methods:

Models focusing in particular on estimation of potential health risks related to exposures (including episodic exposures) to different asbestos fiber types in environmental media, consumer products, and other settings.

**Abstracts must be received
by April 16, 2001.**